

PROPOSED NEW CLAIMS

15. A high frequency apparatus, comprising:
- a) a movable wall having a support which carries an electrical conductive plate, and being an active surface during use; and
 - b) a plurality of contact fingers at a periphery of the movable wall and being integral with the conductive plate.
16. The apparatus as claimed in claim 15, wherein the support has substantially the same area and shape as that of the conductive plate.
17. The apparatus as claimed in claim 15, wherein the support is a framework.
18. The apparatus as claimed in claim 15, wherein the active surface of the movable wall is defined by a single conductive plate.
19. The apparatus as claimed in claim 15, wherein the contact fingers are arranged around the entire periphery of the movable wall.
20. The apparatus as claimed in claim 15, wherein the movable wall is a tuning door for a resonant cavity.
21. The apparatus as claimed in claim 15, wherein the conductive plate is constituted of beryllium copper.
22. The apparatus as claimed in claim 15, wherein the conductive plate is gold plated.
23. The apparatus as claimed in claim 15, wherein the conductive plate is silver plated.

24. The apparatus as claimed in claim 15, wherein the conductive plate is fixed to the support by an adhesive.

25. The apparatus as claimed in claim 15, wherein the conductive plate is fixed to the support by an adhesive tape.

26. A method of manufacturing a movable wall for a high frequency apparatus, comprising the steps of:

- a) taking a plate of a conductive material;
- b) forming contact fingers at a periphery of the plate; and
- c) then mounting the plate on a support.

27. The method as claimed in claim 26, wherein the step of forming the fingers is performed by photoetching.

28. The method as claimed in claim 26, wherein the plate is constituted of beryllium copper.

29. The method as claimed in claim 26, and the step of plating the plate with gold.

30. The method as claimed in claim 26 and the step of plating the plate with silver.

31. The method as claimed in claim 26, and the step of fixing the plate to the support by an adhesive.

32. The method as claimed in claim 26, and the step of fixing the plate to the support by an adhesive tape.